

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

06/18-01

A

1000 U.S. PRO  
09/883130  
06/18/01

06/15/01  
1000 U.S. PRO

09883130-061501

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re original Application of:

Applicants : Constantine J. Tsikos, Allan Wirth, Andrew Jankevics,  
Steve Y. Kim, Timothy Good, Thomas Amundsen, Charles  
A. Naylor, Russell Joseph Dobbs, Xiaoxun Zhu, Michael  
D. Schnee, and C. Harry Knowles

Title of Invention : METHOD OF AND SYSTEM FOR PRODUCING  
DIGITAL IMAGES OF OBJECTS WITH  
SUBSTANTIALLY REDUCED SPECKLE-NOISE  
PATTERNS BY ILLUMINATING SAID OBJECTS  
WITH SPATIALLY AND/OR TEMPORALLY  
COHERENT-REDUCED PLANAR LASER  
ILLUMINATION

Attorney Docket No.: 108-106USA000

Honorable Commissioner for Patents  
and Trademarks  
Washington, DC 20231

**TRANSMITTAL LETTER ACCOMPANYING  
THE FILING OF AN ORIGINAL APPLICATION**

Sir:

This is a request for filing an original application entitled "Method Of And System For Producing Digital Images Of Objects With Substantially Reduced Speckle-Noise Patterns By Illuminating Said Objects With Spatially And/Or Temporally Coherent-Reduced Planar Laser Illumination" by Constantine J. Tsikos, Allan Wirth, Andrew Jankevics, Steve Y. Kim, Timothy Good, Thomas Amundsen, Charles A. Naylor, Russell Joseph Dobbs, Xiaoxun Zhu, Michael D. Schnee, and C. Harry Knowles, and comprising:

- One Hundred Ninety Three (193) pages of Specification;
- Fourteen (14) pages of Claims to Invention;
- One (1) page of Abstract of Disclosure;
- Two Hundred Six (206) sheets of Informal Drawings; and
- Certificate of Express Mailing (No. EL725352501US) under C.F.R. 1.10 dated June 15, 2001.

The present application is related to copending Application Serial No. 09/781,665 entitled "Method Of And System For Acquiring And Analyzing Information About The Physical Attributes Of Objects Using Planar Laser Illumination Beams, Velocity-Driven Auto-Focusing And Auto-Zoom Imaging Optics, And Height And Velocity Controlled Image Detection Arrays" filed February 12, 2001; copending Application Serial No. 09/780,027 entitled "Method Of And System For Producing Images Of Objects Using Planar Laser Illumination Beams And Image Detection Arrays" filed February 9, 2001 under 37 C.F.R. 1.10 (Express Mail No. EL701906489US); copending Application Serial No. 09/721,885 filed November 24, 2000; International Application PCT/US99/06505 filed March 24, 1999, published as WIPO WO 99/49411; International Application PCT/US99/28530 filed December 2, 1999, published as WIPO Publication WO 00/33239; International Application PCT/US00/15624 filed June 7, 2000, published as WIPO Publication WO 00/75856; copending Application Serial No. 09/452,976 filed December 2, 1999; Application Serial No. 09/327,756 filed June 7, 1999, which is a Continuation-in-Part of Application Serial No. 09/305,896 filed May 5, 1999, which is a Continuation-in-Part of copending Application No. 09/275,518 filed March 24, 1999, which is a Continuation-in-Part of copending Application Nos.: 09/274,265 filed March 22, 1999; 09/243,078 filed February 2, 1999; 09/241,930 filed February 2, 1999; 09/157,778 filed September 21, 1998; 09/047,146 filed March 24, 1998, 08/949,915 filed October 14, 1997, now U.S. Letters Patent 6,158,659; 08/854,832 filed May 12, 1997, now U.S. Letters Patent 6,085,978; 08/886,806 filed April 22, 1997, now U.S. Letters Patent 5,984,185; 08/726,522 filed October 7, 1996, now U.S. Letters Patent 6,073,846; 08/573,949 filed December 18, 1995, now

Transmittal Letter Accompanying Filing  
of an Original Application  
Applicants: Constantine J. Tsikos et al.  
Attorney Docket: 108-106USA000

abandoned; each said application being commonly owned by Assignee, Metrologic Instruments, Inc., of Blackwood, New Jersey, and incorporated herein by reference as if fully set forth herein.

Power of attorney has been appointed to Thomas J. Perkowski, Esq., Reg. No. 33,134 and Jay P. Sbrillini, Esq., Reg. No. 36,266, of Thomas J. Perkowski, Esq., P.C., Soundview Plaza, 1266 East Main Street, Stamford, Connecticut 06902, and will be filed in the present Application shortly.

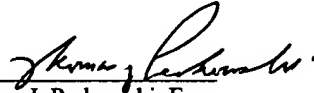
The present Application has been assigned to Adaptive Optics Associates, Inc. and the Assignment will be filed in the present Application shortly.

Please address all correspondence to:

Thomas J. Perkowski, Esq.  
Thomas J. Perkowski, Esq., PC  
Soundview Plaza  
1266 East Main Street  
Stamford, Connecticut 06902

Respectfully submitted,

Dated: June 15, 2001

  
Thomas J. Perkowski, Esq.  
Reg. No.: 34,134  
Attorney for Applicants  
Thomas J. Perkowski, Esq., P.C.  
Soundview Plaza  
1266 East Main Street  
Stamford, Connecticut 06902  
203-357-1950  
<http://www.tjpatlaw.com>

00802130-061501

[illegible]

**I hereby certify that this correspondence  
is being deposited with the  
United States Postal Service  
on June 15, 2001,  
as Express Mail (No. EL725352489US)  
in a postage prepaid envelope addressed to:**

Anne Nadler  
 Mailer: Annemarie Nadler  
 Date: June 15, 2001